

MATERIAL SAFETY DATA SHEET

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MSDS Ref. No: 100360
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Revision No: New MSDS

Miracle-Gro® Garden Weed Preventer & Plant Food™ 9-17-9

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Miracle-Gro® Garden Weed Preventer & Plant Food™ 9-17-9

PRODUCT DESCRIPTION: Garden Weed Preventer & Plant Food

MANUFACTURER

The Scotts Company
Hyponex - Miracle Gro - Scotts Sierra
14111 Scottslawn Road
Marysville, OH 43041

24 HR. EMERGENCY TELEPHONE NUMBERS

CHEMTREC (U.S.): (800) 424-9300
International: 1-703-527-3887
Emergency Phone: 1-937-644-0011

COMMENTS: Applicable Product Code/Stock Numbers: 100360, 400360, 500360, 100365, and 300365.

EPA REG. NO.: 9198-149-62355

2. COMPOSITION / INFORMATION ON INGREDIENTS

<u>Chemical Name</u>	<u>CAS#</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Trifluralin	1582-09-8	None	None
Urea	57-13-6	None	None

Potassium Chloride	7447-40-7	None	None
Ammonium Phosphate	7722-76-1	None	None
Nuisance Dust		15 mg/m3	3 mg/m3

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

PHYSICAL APPEARANCE: Multi-colored granular mix.

IMMEDIATE CONCERNS: May irritate eyes, nose, throat, and skin.

POTENTIAL HEALTH EFFECTS

EYES: May cause eye irritation.

SKIN: May cause skin irritation.

INGESTION: Ingestion may result in sore throat, abdominal pain, nausea, vomiting, and diarrhea.

INHALATION: Dust may be irritating to the nose and respiratory tract, and may cause sore throat, coughing and shortness of breath.

ACUTE TOXICITY:

Signs and symptoms of overexposure might include headache, dizziness, fever, muscle aches, weakness, and other minor central nervous system effects.

MEDICAL CONDITIONS AGGRAVATED: Asthma and other pre-existing respiratory conditions; may increase the risk of angle-closure glaucoma.

ROUTES OF ENTRY: Ingestion, inhalation.

4. FIRST AID MEASURES

EYES: If in eyes, hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing. Call a poison control center or doctor for treatment advice.

SKIN: If on skin or clothing, take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

INGESTION: If swallowed, call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if

able to swallow. Do not induce vomiting unless told to by the poison control center or doctor. Do not give anything by mouth to an unconscious person.

INHALATION: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

5. FIRE FIGHTING MEASURES

FLASHPOINT AND METHOD: Not Flammable

EXTINGUISHING MEDIA: Material is non-flammable. Use extinguishing media suitable for the surrounding fire.

EXPLOSION HAZARDS: Decomposition products may be toxic.

FIRE FIGHTING PROCEDURES: Wear full protective clothing and positive-pressure self-contained breathing apparatus.

HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon, nitrogen, phosphorus, as well as ammonia, cyanuric acid, hydrogen cyanide, carbon dioxide, and fluoroine.

6. ACCIDENTAL RELEASE MEASURES

GENERAL PROCEDURES: Sweep up spills. Use good housekeeping practices. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling. Do not contaminate water when disposing of equipment washwaters. Keep out of lakes, streams, or ponds. Remove to approved landfill.

7. HANDLING AND STORAGE

HANDLING:

See label. Avoid container breakage. Wash hands before eating, drinking, chewing gum, using tobacco or using toilet. Remove clothing immediately if product gets inside. Wash thoroughly and put on clean clothing. Keep out of lakes, streams, or ponds. **KEEP OUT OF REACH OF CHILDREN.**

STORAGE:

See label. KEEP OUT OF REACH OF CHILDREN. Avoid container breakage. Keep container closed and away from food, feedstuffs, and domestic water supplies. Store in a cool, dry, well-ventilated area. Do not reuse container and do not contaminate water by disposing of equipment washwaters.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS: Use adequate ventilation to keep the airborne concentrations of this material below the recommended exposure standard.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: No special eye protection is necessary under normal conditions of use, but safety glasses with side shields, goggles, or faceshield are recommended under conditions of extensive exposure.

SKIN: No special skin protection is necessary under normal conditions of use; however, long sleeves shirt, and impermeable gloves are recommended if exposure is anticipated.

RESPIRATORY: No special respiratory protection is necessary under normal conditions of use. NIOSH approved pesticide respirator is recommended should extensive exposure to dust occur.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Multi-colored granular mix

ODOR: Slight ammonia/aromatic odor.

SOLUBILITY IN WATER: Partially soluble

10. STABILITY AND REACTIVITY

STABLE: YES

HAZARDOUS POLYMERIZATION: NO

CONDITIONS TO AVOID: Excessive heat (greater than 200°F); contact with nitric acid, hypochlorites, gallium perchlorate.

STABILITY: Stable

POLYMERIZATION: Will not occur

INCOMPATIBLE MATERIALS: Sodium nitrite, phosphorus pentachloride, nitrosyl perchlorate, as well as acids, oxidizers, and caustics.

11. TOXICOLOGICAL INFORMATION

CARCINOGENICITY:

IARC: No

NTP: No

OSHA: No

GENERAL COMMENTS: Product may contain trace amounts of inorganic fluorides, which have been implicated as a reproductive hazard and a carcinogen.

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: This pesticide is extremely toxic to freshwater marine and estuarine fish and aquatic invertebrates including shrimp and oyster. Do not apply directly to water. Do not apply in a manner which will directly expose canals, lakes, streams, ponds, marshes or estuaries to aerial drift. Do not contaminate water by disposing of equipment washwaters.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Securley wrap original container in several layers of newspaper and discard in trash. Do not reuse container.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: This product is not DOT regulated when transported over land in non-bulk packaging.

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

311/312 HAZARD CATEGORIES:

FIRE: NO PRESSURE GENERATING: NO REACTIVITY: NO ACUTE: YES CHRONIC: NO

16. OTHER INFORMATION

REVISION SUMMARY

New MSDS

NFPA CODES

HEALTH: 2 FIRE: 0 REACTIVITY: 0

HMIS CODES

HEALTH: 2 FIRE: 0 REACTIVITY: 0

MANUFACTURER DISCLAIMER: The information contained herein is, to the best of the Manufacturer's (see Section 1) knowledge and belief, accurate and reliable as of the date of preparation of this document. However, no warranty or guarantee, express or implied, is made as to the accuracy or reliability, and the Manufacturer shall not be liable for any loss or damage arising out of the use thereof. No authorization is given or implied to use any patented invention without a license. In addition, the Manufacturer shall not be liable for any damage or injury resulting from abnormal use, from any failure to adhere to recommended practices or from any hazards inherent in the nature of the product.

COMMENTS: Use of this product is regulated by the U.S. Environmental Protection Agency (EPA) through the approved product label. It is a violation of Federal law to use this product in a manner inconsistent with its labeling.